



Comment	Description	Designator	Footprint	LibRef	Quantity
PE22601	AUR. PE22601 EMBEDDED ANTENNA 1.7-2.7GHz, 3.40dB	B4	PE22601	PE22601	1
BatteryHolder_2477	Battery holder for coin battery, modello BR1000G Supercapacitors 0.47F, 3.9V working voltage, 5V surge voltage, 1µA leak current	BT7	Batteryholder2477	Batteryholder_2477	1
0.47F		C111	TH_SUPCAP_PHWL3R9 V474R	PHV1_389V474 R	1
100µF	Capacitor, X5R, ±10%	C123	CAPC160BX06L	C0603-4u7	1
1µF	Capacitor, X5R, ±10%	C124, C141, C142, C143	CAPC160BX06L	C0603-4u7	4
10µF	Capacitor, X5R, ±10%	C131, C133, C134	CAPC160BX06L	C0603-4u7	3
22µF	Capacitor, X5R, ±10%	C135	CAPC160BX06L	C0603-4u7	1
100nF	Capacitor, X5R, ±10%	C211, C221, C232, C241, C251, C261, C301, C321	CAPC160BX06L	C0603-4u7	8
1nF	Capacitor, X5R, ±10%	C401, C402, C403	CAPC160BX06L	C0603-4u7	3
1.3µF	Capacitor, X5R, ±10%	C411	CAPC160BX06L	C0603-4u7	1
13µF	Capacitor, X5R, ±10%	C412, C461, C462	CAPC160BX06L	C0603-4u7	3
3.3µF	Capacitor, X5R, ±10%	C413	CAPC160BX06L	C0603-4u7	1
2.2µF	Capacitor, X5R, ±10%	C414, C433	CAPC160BX06L	C0603-4u7	2
5.6µF	Capacitor, X5R, ±10%	C415, C423	CAPC160BX06L	C0603-4u7	2
1.2µF	Capacitor, X5R, ±10%	C421, C425, C463	CAPC160BX06L	C0603-4u7	3
68µF	Capacitor, X5R, ±10%	C422, C464	CAPC160BX06L	C0603-4u7	2
2.2µF	Capacitor, X5R, ±10%	C424	CAPC160BX06L	C0603-4u7	1
1µF	Capacitor, X5R, ±10%	C431	CAPC160BX06L	C0603-4u7	1
3.6µF	Capacitor, X5R, ±10%	C432	CAPC160BX06L	C0603-4u7	1
2.4µF	Capacitor, X5R, ±10%	C451	CAPC160BX06L	C0603-4u7	1
0.3µF	Capacitor, X5R, ±10%	C452	CAPC160BX06L	C0603-4u7	1
47nF	Capacitor, X5R, ±10%	C465	CAPC160BX06L	C0603-4u7	1
MAX5523EUA+	Integrated Circuit	IC24, IC25	MAX5523EUA+	MAX5523EUA+	2
LTC2067DD4FRBFB	No Description Available	IC231	05-08-16PP_ADI	LTC2067DD4FRBFB	1
CONN HEADER VERT 3POS 2.54MM	Connector	J27, J279, JUMPER, BATT_ USB	CONN HEADER VERT 3POS 2.54MM	CONN HEADER VERT 3POS 2.54MM	3
PinStrip, 16p	Connector	J31	PinStrip, 16p	PinStrip, 16p	1
691210910003	W6-T6L Series 2109 Horizontal Entry, THT, pitch 2.54mm, 3p	J200	CONN_3P_691210910 003	CONN_3P_691210910 003	1
2.2µH	Shielded wirewound inductor 1.53A 16.3mOhm, ±20%	L132	INDC2016X10CX	L0606-2u2-1.53A- 16.3mOhm-TDK	1
8.7nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L411, L421	INDC160BX06L_WW	L0603-33n-Wirewound Murata	2
3nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L412	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
3.3nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L413	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
2.6nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L422, L423	INDC160BX06L_WW	L0603-33n-Wirewound Murata	2
11nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L431	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
26nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L451	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
1nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L452	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
33nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L461	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
47nH	Inductor, 420mA, ±5%, 230mΩ, Q=40	L462	INDC160BX06L_WW	L0603-33n-Wirewound Murata	1
LED RG	Red-green LED 2 mm x 1.25 mm SMD	L03	LED_RGB_0805	APH8M2012LSURKZGL C	1
FTSH-105-01-F-D-K	Connector Header Through Hole 10 position 0.050 (1.27mm)	P3	HDR_2x5-THT-1.27mm K	Pin Header 2x5 THT, 1.27mm KS	1
Pin header 2p	Pin Header, THT, Vertical pitch 2.54mm, 1 Row, 2P	P31, P241, REFOUT_MAX, P_271, P_272, P_273, P_274, P_275, P_276, P_277, P_278, P_311, P_312, P_313, P_314, P_315, P_316, P_317, P_318, P_319, P_320, P_321, P_322, P_323, P_324, P_325, P_326, P_Battery P_SHTDOWN_BTRY, P_Sup_Cap, P_Test_1V5, P_Test_3V3, P_Test_13	Pin_header_1x2	Pin header 2p	32
DMN1029UFDB	Dual N Ch MOSFET, 5.6A, 29mOhm max, 1.4W	Q311, Q312	MOSFET_DMP2160UF DB-7	DMN1029UFDB	2
7.5M	Resistor, ±1%, 0.063W	R110, R201, R202, R203, R204, R205, R206, R207, R208, R301, R311, R312, R313, R314, R321, R324, R325, R331	RESC160BX04.5L	R0603	18
3.6M	Resistor, ±1%, 0.063W	R121	RESC160BX04.5L	R0603	1
10k	Resistor, ±1%, 0.063W	R122	RESC160BX04.5L	R0603	1
100k	Resistor, ±1%, 0.063W	R222, R323, R341	RESC160BX04.5L	R0603	3
OR	Resistor, ±1%, 0.063W	R401, R402, R403, R441, R442, R443, R444, R445, R446, R447, R448, R449	RESC160BX04.5L	R0603	9
PB SW	Tactile Switch, SPNO, SMD, 160gf, 6.2x6.3x2.5mm	SW341	Switch-PB-6.2x6.3mm- SMD	Switch-PB-6.2x6.3mm- SMD	1
TP5610994YFFT	No Description Available	U13	YFF0006AFAD	TP5610994YFFT	1
TP57A0215PDCNR	No Description Available	U14	DQNM004A-MFG	TP57A0215PDCNR	1
TMUX1104DQAR	Multiplexer 4:1, 3-µA on-state leakage current, 1.08V - 5V supply range	U21, U22	TMUX1104DQAR	TMUX1104DQAR	2
TMUX1119DCXR	2:1 precision switch, low leakage current, 1.08V - 5V supply range	U26	SC70_200X125_6N	TMUX1119DCXR	1
STM32WLESCU7	No Description Available	U31	UFQFPN_SCCU7_STM	STM32WLESCU7	1
SHT40-AD18-R2	Humidity/Temperature Sensor Digital Serial (I2C) 4-Pin DFN EP 1.7R	U32	SHT4X	SHT40-AD18-R2	1
BC51354NVR6327XT5A 1	No Description Available	U41	TSNP-9_2_INF	BC51354NVR6327XT5A 1	1
NX3L173157GM.115	No Description Available	U42	XSON6_SOT886_NOP	NX3L173157GM.115	1
473460001	No Description Available	U100	47346-0001_MDL	473460001	1